

Panel feed-through - SACC-8P-DSI-M12MS/FS-M16 - 1551697

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Sensor/actuator control cabinet feed-through, male to female, 8-pos., M12, shielded, bipolar/screw mounting with M16 thread



Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356156202

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	2 A
Rated voltage	30 V
Rated surge voltage	0.8 kV
Number of positions	8
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3

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Technical data

General

Connection method	Individual wires
Insertion/withdrawal cycles	> 100
Torque	3 Nm ... 4 Nm (Installation-side)
Mounting type	Bipolar mounting M16 x 1.5

Material

Flammability rating according to UL 94	HB
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material, knurls	Nickel-plated brass
Sealing material	FKM

Cable

Standards/specifications	M12 connector IEC 61076-2-101
Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)
	-25 °C ... 85 °C (cable, flexible installation)

Standards and Regulations

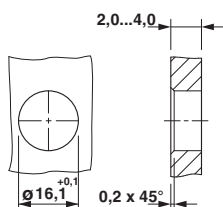
Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	HB

Environmental Product Compliance

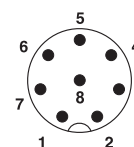
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



Schematic diagram

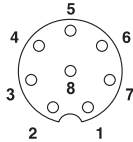


Pin assignment M12 plug, 8-pos., view plug side

Mounting cutout

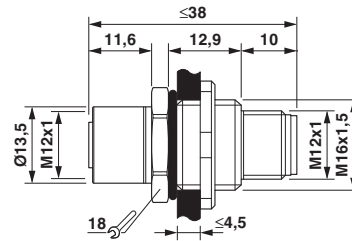
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Schematic diagram

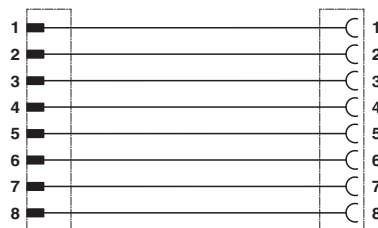


Pin assignment M12 socket, 8-pos., A-coded, view female side

Dimensional drawing



Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01742
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